

ORD 1025
5-18-12
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State of Oregon
Department of Environmental Quality

Memorandum

Date: May 18, 2012

To: File
Lockheed Martin The Dalles Facility

From: Fredrick Moore, Permit Writer

Subject: May 9th, 2012, Trip Report
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On Wednesday May 9th, it was arranged to meet with Linda Meyer at 2:30 pm at the Lockheed Martin facility. Linda is with the EPA Region 10 RCRA permits group [mailstop AWT-121].

I met Linda at the Tennesson Engineering conference room at 2:30. (The Tennesson office used to be the Northwest Aluminum office). I handed off a full-sized set of engineering drawings of the RCRA landfill along with supplemental information I had earlier emailed to Christy Brown, also with the EPA RCRA permits group. I described how the unit began as a waste pile in the 80s and then re-engineered as a landfill so it could close in place.

As arranged, Bob Schwarz with the DEQ Cleanup program arrived and described to Linda the history and work being done at Northwest Aluminum. After this briefing, Bob left and Linda and me proceeded to the RCRA landfill.

It was a windy day. Dan Shaver, the ARCADIS onsite employee did unlock the RCRA gate but the locking mechanism was in the closed position. We proceeded to the top of the landfill to see the vacuum (blower) operation. At vent No. 1, I showed her the vacuum and we noticed it was unhooked from the vent and not operating. I checked the other 2 vents and confirmed that they had ventilated caps (because I thought they were closed as the vacuum operated, but I'm not really sure about that). I showed Linda how infiltration at the top of the landfill eventually is drained by 6 black pipes that flow to a perimeter ditch then flow to a culvert that goes below the fence and discharges to land.

We then went into the RCRA hut where the leachate tank is located. The light ARCADIS uses for heat above the tank was unplugged, on a shelf, and not being used. I plugged it back in to show her how it works and give a better idea of what the tank looks like. I also showed her how the Wet Test works when the two probes at the tank are dipped in water and the alarm light comes on.

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I later found out from Connie Cole with ARCADIS that the vacuum and the light were not being used on my account. I had previously stated before that I would like to see them turned off to determine the exact amount of leachate produced by the landfill. I was not informed, or I did not remember, that they were doing this. They plan to take data over a time period and return the vacuum and light back on.

We then went to the CERCLA landfill. I drove to the top and then drove around the perimeter of the CERCLA landfill. We stopped by the shed where the molasses drips into the leachate trench. The door was open and she could see how it works. We then went to Lift Station 2 where I opened the top and she could see how deep the riser is to the trench. I opened the flow meter box where we saw, as usual, a frog inhabiting the box. Before we left, I noticed that there was a truck within the fence line and some telephone poles on the ground which I surmised was the Bonneville Power telephone pole replacement operation which I was aware of.

We then drove to the Scrubber Ponds from River Road. I first pointed out the gate where 2 ODFW biologist previously told me was a good spot where the deer could jump over and come into the area. As we walked to the opposite fence line, we saw about 5 deer within the fence line and one deer outside the fence line who moved north as we approached. As we approached, I pointed to a burrow which was a good example of how the burrows are shallow but they are ubiquitous and as they are shoveled in, then they are re-dug by either coyotes or foxes. When we arrived at the fence line, I showed her examples of how and where animals can burrow. As we returned to the car, I led into a different direction than we came (unintentionally). I found an area that I had not seen before, very wooded, and the ground somewhat soft and collapsing due to burrowing. We made it to the fence line where I saw a tree encroaching and touching the fence. I later reported it to ARCADIS. On May 18 I talked with ARCADIS and they found this area and will fix it.

We were through with our visit around 5:45 pm.